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L11	32	((reallcat\$3 re-allocat\$3) and resource and (premium high superior)).clm.	US-PGPUB	OR	ON	2007/04/28 19:07
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IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

1. A resource management framework for adaptive middleware

Duran, H.A.; Blair, G.S.

Object-Oriented Real-Time Distributed Computing, 2000. (ISORC 2000) Proceedings. International Symposium on 2000

Page(s): 206-209

Digital Object Identifier 10.1109/ISORC.2000.839531

Summary: The authors introduce a reflective resource management framework that o resource awareness and dynamic reallocation of resources for an adaptive middleware. The main emphasis of the paper is the design and implementat.....[AbstractPlus](#) | Full Text: [PDF](#) IEEE CNF**2. RSVP-based QoS control by policy**

Wang-cheol Song; Lutfiyya, H.

Global Telecommunications Conference, 2002. GLOBECOM '02. IEEE

Volume: 2 17-21 Nov. 2002

Page(s): 1539- 1543 vol.2

Digital Object Identifier 10.1109/GLOCOM.2002.1188456

Summary: There is; an emergence of Internet applications that have real-time require applications require IP to support guaranteed capacity, higher priority and lower packe address this, the Internet Engineering Task Force (IETF) i.....[AbstractPlus](#) | Full Text: [PDF](#) IEEE CNFView: 1-2 | [View Search Res](#)Indexed by
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Key: IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, II CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Improving test quality through resource reallocation**
Adir, A.; Marcus, E.; Rimon, M.; Voskoboynik, A.
High-Level Design Validation and Test Workshop, 2001. Proceedings. Sixth IEEE International
2001 Page(s):64 - 69
IEEE CNF
2. **Time-aware utility-based QoS optimization**
Curescu, C.; Nadjm-Tehrani, S.
Real-Time Systems, 2003. Proceedings. 15th Euromicro Conference on
2-4 July 2003 Page(s): 83 - 92
IEEE CNF
3. **Channel resource allocation/reallocation in cellular communication and linear programming**
Parra-Hernandez, R.; Dimopoulos, N.
Systems, Man and Cybernetics, 2003. IEEE International Conference on
Volume 3, 5-8 Oct. 2003 Page(s): 2983 - 2989 vol.3
IEEE CNF
4. **Flexible resource allocation strategies for class-based QoS provisioning in mobile networks**
Cruz-Perez, F.A.; Ortigoza-Guerrero, L.
Vehicular Technology, IEEE Transactions on
Volume 53, Issue 3, May 2004 Page(s): 805 - 819
IEEE JNL
5. **Time-aware utility-based resource allocation in wireless networks**
Curescu, C.; Nadjm-Tehrani, S.
Parallel and Distributed Systems, IEEE Transactions on
Volume 16, Issue 7, July 2005 Page(s): 624 - 636
IEEE JNL
6. **Using automatically derived load thresholds to manage compute resources on-demand**
Appleby, K.; Goldszmidt, G.
Integrated Network Management, 2005. IM 2005. 2005 9th IFIP/IEEE International Symposium on
15-19 May 2005 Page(s): 747 - 760
IEEE CNF

Indexed by
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? b compsci

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[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec

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[File 674] **Computer News Fulltext** 1989-2006/Sep W1
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**File 674: File 674 is closed (no longer updates).*

[File 696] **DIALOG Telecom. Newsletters** 1995-2007/Apr 27
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? s (re-allocat??? or reallocat??? or reassign???) (10n)resource?(s) (contract or agreement or SLA) (s)breach???

20 RE-ALLOCAT???

9408 REALLOCAT???

6617 REASSIGN???

1506648 RESOURCE?

319427 CONTRACT

1590622 AGREEMENT

9669 SLA

31293 BREACH???

S1 1 S (RE-ALLOCAT??? OR REALLOCAT??? OR REASSIGN???) (10N)RESOURCE?(S) (CONTRACT OR AGREEMENT OR SLA) (S)BREACH???

? t s1/6,k/1

1/6,K/1 (Item 1 from file: 674) Links

Computer News Fulltext

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088868

Wares extraordinaire

Network World columnists and newsletter writers talk about category-breaking products and services.

Publication Date: November 13, 2000

Text:

...connection. From this support center, SilverBack can perform outsourced management functions, such as service-level **agreement (SLA)** monitoring, internal IT trouble-ticket response (such as first-level tech support), software monitoring and...a receptive market among consumers who worry about their increasing financial exposure to network security **breaches**, considering the range of banking, brokerage and other accounts accessible online.This wireless smart card...its most valuable customers from unpredictable or unacceptable service levels. In addition, eAssurance can dynamically **reallocate resource** capacity according to service-level objectives. This feature ensures that e-businesses and service providers...

...proactively managing SLAs by allocating more resources to a customer when service levels are reaching **SLA** thresholds. Savings in **SLA** violation penalties could be big.Unlike other service-level management (SLM) products, eAssurance doesn't...

[File 123] **CLAIMS(R)/Current Legal Status 1980-2007/Apr 24**

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**File 123: Reassignment data is now updated weekly.*

[File 324] **German Patents Fulltext 1967-200715**

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**File 324: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWS IPCR.*

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**File 331: For patent family information, search also File 351, 352, or 350.*

[File 340] **CLAIMS(R)/US Patent 1950-07/Apr 24**

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**File 340: The 2006 reload is online as of December 1, 2006. IPCR/8 is available.*

[File 342] **Derwent Patents Citation Indx 1978-07/200724**

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[File 344] **Chinese Patents Abs Jan 1985-2006/Jan**

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[File 345] **Inpadoc/Fam.& Legal Stat 1968-2007/UD=200717**

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**File 345: Preview the enhanced INPADOC database in ONTAP File 253. For more information, visit www.dialog.com/inpadoc.*

[File 347] **JAPIO Dec 1976-2006/Dec(Updated 070403)**

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[File 348] **EUROPEAN PATENTS 1978-2007/ 200716**

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[File 349] **PCT FULLTEXT 1979-2007/UB=20070419UT=20070312**

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[File 447] **IMS Patent Focus** 2007/Dec
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[File 654] **US PAT.FULL.** 1976-2007/APR 26
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? s (RE-ALLOCAT??? OR REALLOCAT??? OR REASSIGN???) (10N) RESOURCE? (S) (CONTRACT OR AGREEMENT OR SLA) (S) BREACH???

85	RE-ALLOCAT???
17266	REALLOCAT???
83557	REASSIGN???
485219	RESOURCE?
195143	CONTRACT
304727	AGREEMENT
10743	SLA
34218	BREACH???

S1 8 S (RE-ALLOCAT??? OR REALLOCAT??? OR REASSIGN???) (10N) RESOURCE? (S) (CONTRACT OR AGREEMENT OR SLA) (S) BREACH???

? t s1/6,k/all
1/6,K/1 (Item 1 from file: 340) [Links](#)

11136528 2006-0085544
E/ALGORITHM FOR MINIMIZING REBATE VALUE DUE TO SLA BREACH IN A
UTILITY COMPUTING ENVIRONMENT

Abstract: ...process for minimizing the overall rebate a provider disburses to customers when a service level **agreement (SLA)** **breach** occurs in a utility computing environment. Specifically, the process compares performance data and **resource** usage with the SLAs of the customers, and **reallocates** shared **resources** to those customers who represent a lesser penalty to the provider in the event of an **SLA breach**. The process determines which resources, used by customers representing the lesser penalty, are operating below peak capacity. The process then **reallocates** these underutilized **resources** to those customers requiring additional **resources** to meet **SLA** thresholds. If all **resources** are operating at peak capacity, the process **reallocates** the **resources** to those

customers whose SLAs represent a greater penalty in the event of an SLA breach as compared to those customers whose SLAs provide for a lesser penalty, thereby minimizing the total rebate due upon an SLA breach.